

# **Certification Training**

IT certifications validate both skills and knowledge. Whether you're new to IT and want to get your foot in the door, or a seasoned pro who wants to quantify your expertise, certifications are an excellent way to achieve your goals.

# Cisco

Networking is the bedrock of the IT industry, and Cisco certification is the gold standard for validating fundamental networking skills and knowledge.

# **Cisco Certified Support Technician**

#### **CCST**

A fundamental certification that will familiarize beginners with the world of IT

#### **Cisco CCNP Collaboration**

#### 350-801 CLCOR

Earning the intermediate CCNP Collaboration is a declaration of your expertise with the physical and digital aspects of administering collaboration technologies.

# **CCST Cisco Certified Support Technician**

This entry-level training prepares entry-level cybersecurity professionals to operate, maintain, troubleshoot, and configure the Cisco devices and software that keep devices and networks secure.

# **CCT Data Center**

#### 010-151 DCTECH

This entry-level certification prepares IT pros with foundational networking knowledge of Cisco data center products.

# **CCT Collaboration**

# 100-890 CLTECH

This entry-level certification prepares network voice and video pros with foundational knowledge of Cisco collaboration products.

# **CCT Routing & Switching**

#### 100-490 RSTECH

This certification equips you with the foundational networking knowledge you'll need before you begin your CCNA studies.

# **CyberOps Associate**

### 200-201 CBROPS

A certification for IT security professionals who detect, prevent, and respond to cybersecurity incidents.

#### **CCNA**

#### 200-301 CCNA

A certification for associate-level IT professionals who have a broad range of Cisco networking skills.

#### **DevNet Associate**

#### 200-901 DEVASC

This certification validates your knowledge of software development and network automation within Cisco environments.

# **CCNP Enterprise**

350-401 ENCOR, 300-410 ENARSI, 300-415 ENSDWI, 300-420 ENSLD 300-425 ENWLSD & 300-435 ENAUTO

This professional-level certification proves your skills with Cisco enterprise network solutions.

# **DevNet Professional**

# 350-901 DEVCOR & 300-435 ENAUTO

This professional-level certification proves your skills with Cisco APIs, programmability strategies, and network ops to develop automation and DevOps applications.

# **CCNP Security**

#### 350-701 SCOR & 300-710 SNCF

This professional-level certification proves your proficiency in implementing the core security technologies that Cisco has available.



### **CCNP Collaboration**

#### 350-801 CLCOR and 300-815 CLACCM

This professional-level certification validates that you have the skills to leverage various Cisco collaboration technologies that organizations rely on to stay connected.

#### **CCNP Data Center**

#### 350-601 DCCOR & 300-610 DCID

Prove that you have the data center skills that organizations need in order to handle ever-increasing amounts of data with this professional-level certification.

#### **CCNP Service Provider**

#### 350-501 SPCOR, 300-510 SPRI & 300-535 SPAUTO

This professional certification proves you have the skills to implement, manage, and automate Cisco service provider solutions.

# **Microsoft**

Considering the depth of Microsoft's product suite and its wide adoption, Microsoft certifications are a logical choice for any IT professional.

# **Microsoft Certified: Azure Fundamentals**

### **AZ-900**

Gain an understanding of cloud concepts, Azure services, Azure security, Azure pricing, and Azure support.

# **Microsoft Certified: Azure Administrator Associate**

#### **AZ-104**

An associate-level Microsoft certification for IT professionals who want to leverage Azure services.

# Microsoft Certified: Configuring and Operating Microsoft Azure Virtual Desktop

# **AZ-140**

A Microsoft certification for server and desktop admins who specialize in Azure Virtual Desktop.

# **Microsoft Certified: Azure Developer Associate**

#### AZ-204

Azure storage, Azure security, and compute solutions for Azure IaaS and PaaS are some of the topics covered by this certification.

## **Microsoft Certified: Azure Solutions Architect Expert**

#### AZ-305

An expert-level Azure certification that will prepare architects to design cloud and hybrid solutions that run on Azure.

# **Microsoft DevOps Engineer Expert**

#### AZ-400

This expert-level Microsoft certification will prepare DevOps engineers to use Azure solutions in order to implement continuous integration and delivery.

# Microsoft Certified: Azure Security Engineer Associate

#### AZ-500

A certification for security professionals who work with Azure Active Directory, AD privileged identity management, and Azure Key Vault.

# **Microsoft Certified: Azure Network Engineer Associate AZ-700**

As associate-level certification for IT professionals who can design and virtualize networks in Azure.

# Microsoft Certified: Windows Server Hybrid Administrator Associate

### AZ-800 & AZ-801

An associate-level Azure certification that will prepare you to support Windows Server on-prem as well as cloud-based workloads.

# Microsoft 365 Certified: Modern Desktop Administrator Associate

## MD-102

An associate-level Microsoft certification for systems administrators who deploy, configure, and manage devices and client applications in an enterprise environment.

# **Microsoft 365 Certified: Fundamentals**

#### MS-900

A foundational certification for IT professionals who want to delivery productivity apps — like Microsoft Word and Excel — to their organization.

# **Microsoft 365 Certified: Enterprise Administrator Expert**

#### MS-102

This Microsoft certification for administrators who deploy and manage Microsoft 365 services.



# Microsoft 365 Certified: Security Administrator Associate

#### MS-500

This certification is for IT professionals who secure Microsoft 365 services.

# **Managing 365 Certified: Teams Administrator Associate**

## MS-700

This certification is aimed at Microsoft Teams admins who manage who plan, deploy, configure, and secure Teams chat, apps, channels, meetings, and audio/video conferencing.

#### **Microsoft Certified: Power Platform Fundamentals**

#### PL-900

A fundamental certification for IT professionals who leverage Microsoft products to tackle business challenges and streamline workflows.

# **Microsoft Azure Data Fundamentals**

# DP-900

This fundamental certification covers core data concepts and how you can implement them by using the Microsoft Azure data services.

# Microsoft Certified: Azure Database Administrator Associate

# **DP-300**

This associate-level certification will teach you how to use SQL Server on-prem and Azure SQL to build database solutions.

# **Microsoft Certified: Azure Enterprise Data Analyst Associate**

# **DP-500**

This certification for data analysts will prove you can design, create, and deploy solutions using Azure data analytics services.

# Microsoft Security, Compliance, and Identity Fundamentals

# **SC-900**

A foundational-level certification that's aimed at those who need to learn fundamentals of security, compliance, and identity (SCI) across cloud-based and related Microsoft services.

# **Microsoft Cybersecurity Architect Expert**

#### **SC-100**

A Microsoft certification for cybersecurity architects who implement zero trust principles.

## **Microsoft Security Operations Analyst**

#### SC-200

This Microsoft certification validates skills such as threat management, monitoring, and response by using a variety of security solutions across Microsoft environments.

# **Microsoft Identity and Access Administrator**

#### SC-300

With this certification, you prove that you can design, implement, and operate identity and access management systems by using Azure Active Directory.

# Microsoft Certified: Information Protection Administrator Associate

#### SC-400

A certification for security professionals who manage risk and compliance controls in Microsoft Purview.

# **CompTIA**

IT professionals who earn CompTIA certifications achieve a level of expertise that can be applied universally — regardless of vendor.

# CompTIA A+

#### Core 220-1101 & Core 220-1102

A broad, entry-level certification covering hardware and popular operating systems as well as networking concepts. It's a great place to start.

# CompTIA Network+

#### N10-008

A foundational certification that sets up IT pros for success and builds an understanding of networking.

#### CompTIA Security+

#### SY0-601

This basic, vendor-neutral certification covers the fundamentals of computer and network security.

#### CompTIA ITF+

### FC0-U61

This basic, vendor-neutral certification covers the foundational knowledge you should have to thrive within the IT world.



## CompTIA Cloud+

#### CV0-003

A vendor-neutral certification that teaches the basics of cloud technologies.

# **CompTIA Linux+**

#### XK0-005

A vendor-neutral certification for IT professionals who administer servers running the Linux operating system.

# **CompTIA Server+**

#### SK0-005

A vendor-neutral certification for server administrators who install, deploy, and manage servers.

# CompTIA CySA+

#### CS0-003

A vendor-neutral certification that enables IT pros to gain security analysis skills.

# **CompTIA PenTest+**

#### PT0-002

This vendor-neutral certification proves your skills with vulnerability scanning and penetration testing.

# CompTIA CASP+

#### **CAS-004**

This advanced-level certification tests your knowledge of how to architect, engineer, integrate, and implement secure solutions across complex enterprise environments.

# CompTIA Data+

# DA0-001

This vendor-neutral certification is for early-career data analysts.

# CompTIA Project+

#### PK0-005

This vendor-neutral certification will cover the fundamentals you need to manage small and medium-sized projects.

# **CompTIA Cloud Essentials+**

# **CLO-002**

Understand the business value of cloud computing, as well as its risks. This series will teach you the cloud computing concepts you need as a professional.

# **AWS**

AWS certification is the best way for IT pros to gain and develop the knowledge and skills they need to manage Amazon (AWS) cloud infrastructure.

# **AWS Certified Advanced Networking - Specialty**

### ANS-C01

An advanced certification for IT professionals who manage AWS and hybrid network architectures.

#### **AWS Certified Cloud Practitioner**

#### CLF-C01

An AWS certification that teaches the basics of cloud computing to non-technical professionals.

#### **AWS Certified Solutions Architect - Associate**

#### SAA-C03

A certification for cloud professionals who make recommendations about AWS services and deploy them.

# **AWS Certified Developer - Associate**

#### DVA-C02

A certification for IT professionals who develop and maintain AWS-based applications.

# **AWS Certified Security - Specialty**

#### SCS-C01

A certification for IT professionals who want to specialize in securing AWS environments.

# AWS Certified SysOps Administrator – Associate

# SOA-C02

This intermediate training prepares learners to implement, plan, deploy, and manage cloud initiatives on AWS at the level expected of a competent, experienced team member on an IT team.

# (ISC)<sup>2</sup>

(ISC)<sup>2</sup> standards are tough, and that's exactly why these certifications are among the most valued by IT security professionals and employers.

#### CC

An entry-level certification for aspiring cybersecurity professionals.



# **CISSP**

Certified Information Systems Security Professional is an advanced certification for experienced security pros.

#### **CCSP**

Certified Cloud Security Professional is an advanced certification for cloud security architects.

## **SSCP**

An intermediate level certification for cybersecurity professionals.

# Google

Scale your infrastructure, and build world-class apps. Google Cloud Platform training includes App Engine, Cloud Storage, Cloud SQL, Compute Engine, and BigQuery.

# **Google Associate Cloud Engineer**

#### ACE

This certification is valuable for IT professionals who want to learn how to set up and manage a Google cloud environment.

# **Juniper**

Juniper is smaller than Cisco, and that's a good thing. From this relative scarcity of Juniper-certified engineers comes opportunity.

### **JNCIA-Junos**

#### JN0-105

An associate-level certification for network administrators who use the Juniper Networks Junos OS.

# **JNCIS-SP**

#### JN0-363

A specialty certification for networking professionals who have an understanding of routing and switching technologies.

## **JNCIS-ENT**

#### JN0-351

A specialty certification for networking professionals who implement Junos routing and switching technologies.

# **JNCIP-DC**

#### JN0-682

A professional-level certification for networking professionals that covers data center technologies.

### **JNCIP-SP**

#### JN0-663

A professional-level certification for networking professionals that covers advanced routing technologies and troubleshooting skills.

#### **JNCIP-ENT**

#### JN0-649

A professional-level certification for networking professionals that covers enterprise routing and switching.

# Linux

Linux is a highly secure, stable and easy to use technology. As a result, there's a growing demand for IT pros who can use and oversee servers, software, and applications running Linux.

## **LPI Linux Essentials**

#### 010-160

A certification for beginners who want to know the basics of the Linux operating system.

# **Linux Professional Institute Security Essentials**

#### 020-100

A certification for beginners who can implement best practices in security maintenance and respond to incidents in Linux-based IT infrastructures.

# **Linux Foundation Certified SysAdmin**

#### LFCS

This certification is valuable for IT professionals who want to learn Linux or validate their skills.

#### LPIC-1

# 101-500 & 102-500

This Linux Professional Institute cert validates the ability to perform maintenance tasks on the command line, install and configure a computer running Linux, and configure basic networking.

# LPIC-2

#### 201-450 & 202-450

A certification for Linux professionals who perform advanced system administration.



# **VMware**

VMware is the undisputed leader in virtualization technologies. As a result, there's a strong demand for IT professionals who can leverage VMware products and services.

# VMware Certified Professional - Data Center Virtualization

2V0-21.23

A certification for IT pros who work with a vSphere infrastructure.

# VMware Certified Professional - Network Virtualization

2V0 - 41.24

A VMware certification for IT professionals who virtualize networks and security services.

# **ISACA**

ISACA certifications validate the skills information systems and cybersecurity professionals need to protect organizations from cyber attacks.

# **Certified Information Security Manager**

**CISM** 

A cybersecurity certification for IT professionals who specialize in managing enterprise information for security teams.

# **Certified Information Systems Auditor**

**CISA** 

A cybersecurity certification for IT professionals who specialize in security monitoring and auditing.

# **Certified in Risk and Information Systems Control**

**CRISC** 

This ISACA certification proves you have the knowledge to build a well-defined and agile risk-management program, based on risk-management best practices.

# **PMI**

Virtually every industry demands the expertise of project managers, and PMI is the gold standard when it comes to project management certification.

# **Certified Associate in Project Management**

**CAPM** 

The Certified Associate in Project Management (CAPM)® is an industry standard certification for anyone whose job includes planning, scoping, maintaining, and administering a project's life cycle.

# **Fortinet**

Fortinet security devices are highly regarded in the industry, making Fortinet certification a must-have for IT pros tasked with managing their organizations' security appliances and devices.

#### **Fortinet NSE 4 - FortiOS**

**FortiOS** 

This Fortinet certification tests your knowledge of how to install and manage the day-to-day configuration, monitoring, and operation of FortiGate devices in enterprise settings.

### **Fortinet NSE 5**

### FortiAnalyzer & FortiManager

Earn this certification to validate that you have the skills to implement network security management and analytics using Fortinet security devices.

# **Fortinet NSE 6**

# FortiSwitch, Secure Wireless LAN, FortiAuthenticator, & FortiADC

The NSE 6 certification is for network security specialists who work with Fortinet Secure Fabric products.

# **Fortinet NSE 7**

## **Enterprise Firewall & SD-WAN**

The NSE 7 certification is for network security architects who deploy, administer, and troubleshoot Fortinet security solutions

# **Kubernetes**

Kubernetes is an extremely versatile open-source platform that's used to manage containerized workloads and services, which makes it ideal for configuration and automation needs. Kubernetes certification is a safe bet for today's network admins.



# **Certified Kubernetes Administrator**

#### **CKA**

This administrator-focused certification validates the knowledge need to install, configure, and manage production-grade Kubernetes clusters.

# **Certified Kubernetes Application Developer**

#### CKAD

Systems engineers can prove they have the skills to design, build, and deploy cloud-native applications for Kubernetes by earning this intermediate-level certification.

# **Certified Kubernetes Security Specialist**

A Kubernetes certification for devops professionals who secure container-based applications during build, deployment, and runtime.

# **Red Hat**

When it comes to network automation, Red Hat is an industry leader. Its Ansible platform makes automating networks more efficient and less time consuming. Getting Red Hat-certified ensures you can leverage the power of network automation.

# Red Hat Certified Specialist in Ansible Network Automation

# EX457

This professional-level certification from Red Hat validates that you have the skills and knowledge to manage network infrastructure using Red Hat Ansible.

# **Red Hat Certified System Administrator**

## RHCSA

A certification for system administrators who manage and administer networks and systems using Red Hat products.

# **Red Hat Certified Engineer**

# **RHCE**

A certification for experienced professionals who can automate enterprise-level tasks and integrate emerging tech.

# **HashiCorp**

HashiCorp certifications are made for cloud engineers who specialize in infrastructure as code, network automation, and security automation.

#### **Terraform Associate**

#### 003

An IT certification for cloud engineers who deploy and manage infrastructure programmatically.

# **CWNP**

IT professionals who earn CWNP certifications prove their expertise with enterprise wireless technologies.

#### **CWSP**

#### **CWSP-208**

A professional-level certification for wireless specialists who are in charge of implementing security policies and secure network design.

# **CWNA**

#### **CWNA-108**

A foundational wireless networking certification covering radio frequency, wireless LANs, and 802.11 architecture.

# **CWDP**

# **CWDP-304**

A professional-level wireless certification that focuses on wireless enterprise network design.

# **CWAP**

# **CWAP-404**

A professional-level wireless certification that focuses on analyzing wireless networks.

# **CWISA**

#### CWISA-102

A wireless certification that covers popular technologies like IoT, Bluetooth, and 5G.



# **Palo Alto**

Palo Alto Networks certifications validate the ability of IT professionals to use next-gen cybersecurity solutions to reduce security risks across an organization.

# Palo Alto Networks Certified Network Security Administrator

#### **PCNSA**

A certification for IT professionals who use Palo Alto Networks next-generation firewalls to protect networks.

# Palo Alto Networks Certified Network Security Expert

#### **PCNSE**

A cybersecurity certification that proves the highest level of Palo Alto Networks expertise.

# **GitLab**

GitLab certifications validate the knowledge of not only the GitLab code repository and collaboration platform but also fundamental DevOps practices.

# **GitLab Certified Associate**

This entry-level GitLab Certified Git Associate training prepares junior DevOps admins to use GitLab at a professional level, well enough to shorten development cycle times, increase productivity, and strengthen project security.

# **Python Institute**

Python Institute provides certifications for one of the world's most popular programming languages and allows you to get certified as a software developer and data scientist.

#### **PCAP**

# Exam PCAP-31-0x

A certification that validates your knowledge of using Python as a general-purpose programming language.

#### PCPP1

### Exam PCPP-32-10x

A professional-level certification that shows advanced knowledge of the Python programming language.

# F5

F5 is a prominent provider of application delivery and security solutions that empower enterprises to seamlessly navigate diverse digital environments, from data centers to cloud infrastructures.

# **F5 Application Delivery Fundamentals**

#### **Exam 101**

The first exam for all F5 certification pathways, this course covers basic management of F5 technologies and products.

#### F5 Certified BIG-IP Administrator

#### **Exam 201**

An intermediate level F5 cert aimed at current network administrators with at least one year of experience.

# F5 BIG-IP LTM Specialist: Architect, Set up, Deploy

#### Exam 301a

This intermediate certification is a prerequisite for F5's Cloud and Security Solutions Expert cert tracks.

# F5 BIG-IP LTM Specialist: Maintain and Troubleshoot

#### Exam 301b

An intermediate level F5 cert aimed at current network administrators who maintain advanced F5 products.

# **Javascript**

JavaScript is the most popular programming language for web development. This means that devs who are proficient with JavaScript and JavaScript libraries are in high demand.

# **OpenJS Node.js Services Developer**

### **JSNSD**

Learn to design, build, and deploy scalable web services including RESTful APIs, integrate databases, and optimize performance.